

Abstract:

A motor mounting platform for use in a small appliance such as a vacuum cleaner. The motor mounting platform includes a platform with a hole extending therethrough, at least one motor support mounted to the platform at least two pair of brush holder guides mounted directly on the platform and at least two brush holders constructed of electrically non-conductive material, removably engaged to the platform within the brush holder guides. A method for manufacturing a commutator brush assembly having a commutating brush within a commutator brush holder involving the steps of providing a commutator brush holder having an opening between a first end and a second end in which the opening receives a commutator brush and a top side having a first slot therealong in communication with the opening and positioning a lead wire for connecting to the commutator brush through the first slot is also disclosed.